

20010910.qrp v02_n308.qrl.20010910

Date: Mon, 10 Sep 2001 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2308

QRP-L Digest 2308

Topics covered in this issue include:

- 1) [106722] NorCal Paddle
by John Payne <paynej1@strato.net>
- 2) [106723] FOX: Final Results for the Summer Fox Hunt
by "Marshall Emm" <mgemm@mtechnologies.com>
- 3) [106724] FOX: Summer Hunt Final Results (details) [long]
by "Marshall Emm" <mgemm@mtechnologies.com>
- 4) [106725] Re: items FOR SALE
by "Rod Cerkoney, NØRC" <rod@nØrc.com>
- 5) [106726] CQP - QRPers Welcome!
by "N7SG K7FD" <k7fd@hotmail.com>
- 6) [106727] A Key Question
by "Dennis Payton" <dpayton@fwi.com>
- 7) [106728] Re: A Key Question
by "ZOOM" <kandrparker@sympatico.ca>
- 8) [106729] CQP - QRPers Welcome!
by "N7SG K7FD" <k7fd@hotmail.com>
- 9) [106730] Now on 10.116MHz - 0130Z
by "Mr. Lonely" <k7fd@hotmail.com>
- 10) [106731] Re: HF PACK?
by geoff allsup <gallsup@whoi.edu>
- 11) [106732] Re: A Key Question
by <igeq100@iupui.edu>
- 12) [106733] Wow! 10.116MHz comes alive!
by "Mr. Lonely - NOT!" <k7fd@hotmail.com>
- 13) [106734] TA3DD
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [106735] Riverside QRP Forum Report (very long)
by "Doug Hendricks" <ki6ds@dospalos.org>
- 15) [106736] Re: [Elecraft] K2 #286 for sale
by "Rod Cerkoney, NØRC" <rod@nØrc.com>
- 16) [106737] RE: Jones Plug Pin ID?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 17) [106738] Help identifying mystery PCBs
by "Steve Hudson" <sdhudson@cahners.com>
- 18) [106739] New Web Page
by John R Kirby <n3aaz-qrp@juno.com>
- 19) [106740] Re: atom time

- by Ray Sills <raysills@1stconnect.com>
- 20) [106741] Hands GQ 40m kit questions
by "Mike Morrell" <morrellm@ameritech.net>
- 21) [106742] New QST!
by "Brian Murrey" <brian@iquest.net>
- 22) [106743] CQ Southeast Division ARRL members
by Paul Womble <pwomble1@tampabay.rr.com>
- 23) [106744] Re: CQ Southeast Division ARRL members
by "Brian Murrey" <brian@iquest.net>
- 24) [106745] Re: CQ Southeast Division ARRL members
by Paul Womble <pwomble1@tampabay.rr.com>
- 25) [106746] FOX: Xtreme Fox Hunt This Thursday
by "Marshall Emm" <mgemm@technologies.com>
- 26) [106747] Pacificon October 19-21
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 27) [106748] Re: Pacificon October 19-21
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 28) [106749] FS:TenTec 1208 Transverter
by "N3BJ" <qrpdx@earthlink.net>
- 29) [106750] Re: Pacificon October 19-21
by "Trevor Jacobs" <fxtech@earthlink.net>
- 30) [106751] Re: A Key Question
by Bradfield Brad-P53117 <Brad.Bradfield@motorola.com>
- 31) [106752] 18 Watts and Windom bag 17 of 18 Foxes Plus RX9TX
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 32) [106753] Baluns and Cores (Revisited)
by Bill Coleman <aa4lr@arrl.net>
- 33) [106754] Re: Antenna Tuner Thoughts
by Bill Coleman <aa4lr@arrl.net>
- 34) [106755] Re: Baluns and Cores (Revisited)
by Stephen M Smith <sigcom@juno.com>
- 35) [106756] A Cost Effective Current-mode 1:1 Balun
by ARDUJENSKI@aol.com
- 36) [106757] Re: Baluns and Cores (Revisited)
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 37) [106758] AO-40 Converters
by lenny wintfeld <w2bvh@home.com>

Date: Sun, 09 Sep 2001 19:27:28 -0400
From: John Payne <paynej1@strato.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [106722] NorCal Paddle
Message-ID: <200109092326.TAA04747@green.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a (preferably unbuilt) Norcal Paddle kit for sale?

Tnx es 73 de N4FLJ

Date: Sun, 9 Sep 2001 17:37:37 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [106723] FOX: Final Results for the Summer Fox Hunt
Message-ID: <3B9BA8E1.10944.15EB8FD@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Guys--

The final results for the Summer 2000 QRP-L Fox Hunt have been processed and are posted on the web site at <http://www.cqc.org/sfox>.

Congratulation to the SIX hounds who share the first place honors, with a perfect score having worked all 20 foxes:

K4MF - K5EOA - K5YU - N1EU - N1FN - N5TW

Congratulations to Larry, N2WW, was the top fox in the summer hunt with 223 QSO's. Larry was also the top fox in last winter's 40M hunt.

Congratulations to the Big Dawgs, who won the Teams' Competition-- for the third Hunt in a row.

For the most part these were "close calls," and although there were 6 fhounds who managed a perfect score, there were ANOTHER six who only missed one!

Congratulations to everyone who participated, and good luck in the next Fox Hunt!

73

Marshall (ET) N1FN

For the QRP-L Fox Hunt Committe

N1FN, N1TP, K0EVZ, K7Q0, VE5RC

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Sun, 9 Sep 2001 17:40:36 -0600
From: "Marshall Emm" <mgemm@ntechnologies.com>
To: qrp-1@lehigh.edu
Subject: [106724] FOX: Summer Hunt Final Results (details) [long]
Message-ID: <3B9BA994.32544.1617721@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

For the benefit of those who can't easily view the web site
(<http://www.cqc/.org/sfox>)...

20 out of 20 ...PERFECT SCORE

K4MF
K5EOA
K5YU
N1EU
N1FN
N5TW

19 out of 20

K4FB
K5AAR
KC1FB
N4ROA
N9AW
VE6EX

18 out of 20

K0FRP
N1TP
N2WW
N6WG
NQ7X
VA6RF
W9XU

17 out of 20

AA7XA
K3NG
K5DI

K5DW
K5JHP
KI0II
KJ0C
N5IB
VE5RC
W8RU

16 out of 20

AA7EQ
K0EVZ
K4BYF
K4TJD
N0DSP
W5USJ
W5YR
W6ABC
W9UQB
WA9TZE

15 out of 20

AD4J
AD6JV
K5LN
W0CH

14 out of 20

AA50
AC5JH
AG0T
K8CV
KB7WW
NK9G
NV4V
WA7SPY

13 out of 20

AA4LR
K4GT
KE6RS
NK6A

12 out of 20

AL7FS
K5BGB
N5YFC
W4NJK

11 out of 20

AB0CD
AF4PS
AJ9U
K1VP
N1Q0
NM5M
NX8C
VE1MT
VE6JAZ
WE9K

10 out of 20

K50I
K7FD
N0RC
W9HL

9 out of 20

K9IUA
KB9YIG
KM5VY
N5JI
N6XG

8 out of 20

AC7CF
KG4FSN
KI0RB
N10DL
N9NE
W5TB

7 out of 20

KK7GG
N0TK
N0UR
N7XY
NB0W
NQ7T
WA8NTA
WV9N

6 out of 20

AF4PP
K1KID
KA1DDB
KA3WMJ

KD5KXF
LZ2RS
N0HRL
N0IT
N5IW
WR50

5 out of 20

AC6UV
AD6JY
AK7Y
KD7CTF
KV4EE
N4S0
NK0E
NN5E
NW7DX
W0RW
W5XU

4 out of 20

AF4LQ
K7HBN
KG4FGC
KG6ELY
KR5C
N5GJQ
N8XE
NF0R
VE6KG
W0DC
WD4MSM
WK6I

3 out of 20

KV2X
N2ZHY
N3A0
N7MFB
NU8S
W0HEP
W2APF
W2XN
W6KI
W7ILW
WB8ICN
WB8WTU

2 out of 20

AA3UR
AB0G0
AC5SH
AK1P
K0AB
K0MP
K2PC
K5PSH
K9QVI
KA1LM
KB7MBI
KB80MG
KD6VIO
KK5LD
KQ7M
KR6DJ
N0EA
N0MF
N1WPU
N4DL
N4MAP
N7CQR
N8VAR
N8VW
N9IJ
N04D
VA3UX
VE3FAL
W0JOE
W0ZA
W5TA
W8KC
W9XT
WB6IYS
WB7AEI
W00Q
WU9F
WW7Y

1 out of 20

AA0B
AA50
AA5D
AA5UN
AB2KT
AB6R
AE4YP

EU3DA
F5LKI
F6CLV
F6GKL
HA8IH
K0IAL
K0PC
K0Y0
K1JD
K2Q0
K2VCO
K4LKL
K5ZTY
K6RB
K6ZM
K7BTW
K7EL
K9DI
K9ORN
K9YT
KA9UDA
KB7N
KB8FE
KB8UMD
KB9BVN
KC5T
KD1JV
KE4RVT
KF0N
KF6GAB
KG6EFU
KI0KY
KI8AF
KM4YY
KQ5U
KS4L
KS5A
KT3A
N0DEX
N0RF
N0YT
N0ZM
N1XE
N2AW
N3JD
N3YSI
N3ZPQ
N40T

N4VD
N4XXR
N5DF
N5JW
N6BN
N6EZ
N6GA
N6LIF
N7GS
N8IE
N8NA
NC9O
NG7Z
NK7M
NM5N
NU3E
OK1FQT
OK1KVR
OM3TDD
RK3AO
RU6UZ
RW3XW
UA0KCL
UA1FJ
UA3AJ
UA3BX
UA3MLO
UA6AF
UR4MWN
UX7MA
VE3DJX
VE3FAA
VE3FWA
VE3JC
W0CQC
W0HEM
W0MF
W0NF
W0UFO
W0VD
W1MU
W2VWI
W3ERU
W4BW
W4DU
W4IM
W4NJ
W5JAY

W5RH
W7HR
W7KN
W8FEJ
W8PIG
W9PNE
W9RN
WA0RJY
WA3SKQ
WA5BDU
WA6LTV
WB8RCR
WD5CMA
WD9FJL
WX0V

Hounds allocated: 293
QS0s in logdata: 1654
QS0s allocated: 1654

Call	1st	2nd	Total
------	-----	-----	-------

K4FB	114	98	212
------	-----	----	-----

W8RU	97	61	158
------	----	----	-----

N2WW	120	103	223
------	-----	-----	-----

AL7FS	52	61	113
-------	----	----	-----

NW7DX	91	83	174
-------	----	----	-----

N6WG	78	70	148
------	----	----	-----

K0EVZ	72	86	158
-------	----	----	-----

N5IB	91	62	153
------	----	----	-----

N1FN	83	90	173
------	----	----	-----

N9AW	68	74	142
------	----	----	-----

Total QS0s: 1654

Fox Hunt Team Results
Progressive Team Results for ALL hunts.

The BIG DAWGS	94
The Cajun Thunder	65
The NE-TX Tornados	75
The QRP Cheeseheads	78
The Raiders of the Lost RF	67
The Swamp Rats	83

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Sun, 9 Sep 2001 18:01:54 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<ncarc@qth.net>
Subject: [106725] Re: items FOR SALE
Message-ID: <009c01c1398b\$cda56310\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NC40, FL-232, AND FL-223 are spoken for.

K2 & 706 are still available

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, September 09, 2001 9:51 AM
Subject: items FOR SALE

> Icom 706MKIIG, less than 6 mo old, Like new with all Icom supplied
> manuals, accessories...etc. Extras included MB-72 carrying handle,
> and
> W2ENY Tune Plug (see <http://www.geocities.com/w2eny>). \$800 shipped
> CONUS
>

As an added bonus...quoting from the rules page: "The top 20 CA and top 20 non-CA S/O stations will receive a personalized bottle of NCCC Private Reserve California Wine".

On a personal note, Annette N7SG and I have found this contest to be one of the best, right up there with Sweepstakes. The hunt for that 'elusive' county is always fun. In past years, we've put a 'blank' outline map of CA counties up on the screen and then filled them in with 'paint bucket' as we worked 'em...

CA counties GIF: <http://www.cqp.org/Counties-Map.html>

Hope to hear you in there...ssb and cw...

73 John K7FD, K2/586
<http://home.teleport.com/~cqdx/qrp.htm>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 9 Sep 2001 20:13:08 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [106727] A Key Question
Message-ID: <001b01c13995\$c22e2940\$e3a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I purchased a key at the Findlay, OH hamfest today that I've identified as a Navy flameproof general purpose key made by J. H. Bunnell. The number on it is CJB26003A. I want to disassemble it to clean the contacts but there are at least two pins that prevent me from doing that. Does anybody have experience with these keys? Am I best not to tamper with it? And does anyone have an idea of the value? I paid \$25 for it, thinking I couldn't go wrong.

By the way, the wrinkled finish had a white haze that I couldn't get rid of. Then I remembered the Old English scratch cover for dark woods that I use on our twenty-year-old cabinets every time my wife mentions buying new ones. That stuff is almost magic with what it can do to make an old cabinet look new, but I was still amazed at how well it worked on the wrinkled finish.

The haze is gone and the wrinkled finish looks great.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Sun, 9 Sep 2001 21:20:49 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <dpayton@fwi.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106728] Re: A Key Question
Message-ID: <003f01c13996\$d3aa1020\$99a4fea9@RobParker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For wrinkle finnish also try WD-40. Yes WD-40! A light coat from a rag will bring a wrinkle finish to a new luster!

Cheers,
Robert
VE3RPF

----- Original Message -----
From: "Dennis Payton" <dpayton@fwi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, September 09, 2001 9:13 PM
Subject: A Key Question

> I purchased a key at the Findlay, OH hamfest today that I've identified as
> a
> Navy flameproof general purpose key made by J. H. Bunnell. The number on
> it
> is CJB26003A. I want to disassemble it to clean the contacts but there are
> at least two pins that prevent me from doing that. Does anybody have
> experience with these keys? Am I best not to tamper with it? And does
> anyone
> have an idea of the value? I paid \$25 for it, thinking I couldn't go
> wrong.
>
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> of.

> Then I remembered the Old English scratch cover for dark woods that I use
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> our twenty-year-old cabinets every time my wife mentions buying new ones.
> That stuff is almost magic with what it can do to make an old cabinet look
> new, but I was still amazed at how well it worked on the wrinkled finish.
> The haze is gone and the wrinkled finish looks great.
>
> Thanks,
>
> Denny Payton, N9JXY
> Auburn, IN
>

Date: Sun, 09 Sep 2001 18:28:24 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [106729] CQP - QRPers Welcome!
Message-ID: <F2118oYs8ldpyzySsCV00009547@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

What the L...a slight typo in the original post subject line...

While it's still a little less than a month away, it's probably a good time to start thinking about the California QSO Party, one of the year's premier parties. And the best part is, they have a category for QRP!

If you haven't visited the CQP website, you're in for a pleasant surprise. Very well organized and free logging software to boot:

<http://www.cqp.org/Rules.html>

As an added bonus...quoting from the rules page: "The top 20 CA and top 20 non-CA S/O stations will receive a personalized bottle of NCCC Private Reserve California Wine".

On a personal note, Annette N7SG and I have found this contest to be one of the best, right up there with Sweepstakes. The hunt for that 'elusive' county is always fun. In past years, we've put a 'blank' outline map of CA counties up on the screen and then filled them in with 'paint bucket' as we worked 'em...

CA counties GIF: <http://www.cqp.org/Counties-Map.html>

Hope to hear you in there...ssb and cw...

73 John K7FD, K2/586

<http://home.teleport.com/~cqdx/qrp.htm>

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Date: Sun, 09 Sep 2001 18:31:24 -0700
From: "Mr. Lonely" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [106730] Now on 10.116MHz - 0130Z
Message-ID: <F223U2W48q0vh5RH1rP00009279@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Any takers?

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 09 Sep 2001 22:17:01 -0400
From: geoff allsup <gallsup@whoi.edu>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [106731] Re: HF PACK?
Message-ID: <3B9C229D.F02F1E03@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARDUJENSKI@aol.com wrote:

>
> I stumbled across this group of HF portable operators
> <http://www.hfpack.com/>
>

The group is written up in Sept QST on page 99....

geoff

--

Geoff Allsup, W10H gallsup@who.i.edu or w10h@arrl.net
Research Engineer Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Sun, 9 Sep 2001 21:37:06 -0500 (EST)
From: <igeq100@iupui.edu>
To: Dennis Payton <dpayton@fwi.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [106732] Re: A Key Question
Message-ID: <Pine.GS0.3.96.1010909213026.18175A-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Dennis -

I think you got a good buy - I've seen them go for a lot more on eBay. But this weekend at a local hamfest I missed getting one (in fair condx) for \$4. But the guy who got it was very pleased, so I was happy for him. If yours is working it is probably best not to try to open it up.

72/73,
Rich Meiss WB9LPU

Date: Sun, 09 Sep 2001 19:49:21 -0700
From: "Mr. Lonely - NOT!" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [106733] Wow! 10.116MHz comes alive!
Message-ID: <F155aQg3Qv4UfFYPYho0000a2b9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Thanks to everyone who came to Mr. Lonely's rescue on 30 meters...what a half hour flurry of qrp fun! I don't know what kind of the condx the band was in, but I could hear most everyone Q5 albeit a lil' on the weak side overall...

Log Stats:

UTC	Station	QTH	Notes
0150	KC0IIN	CO	I'm a new state for Jason!
0153	AF4PS	FL	ever present Mac
0156	W0AV	MO	K2 and vertical
0158	K6IFF	CA	K2, waiting for KAF2
0214	K50I	OK	K2, 5ft whip attached to back
0218	WB0CFF	MN	TenTec Scout
0230	K5QLF	TX	RTTY killed us...

Thanks from the sunny skies of Oregon and hope to hear you all again soon...

73 John K7FD, SST 1.9w and dipole at 50'

 Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

 Date: Sun, 9 Sep 2001 22:54:07 -0400
 From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
 To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
 Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
 Subject: [106734] TA3DD
 Message-ID: <200109092254_MC3-DF43-B739@compuserve.com>
 MIME-Version: 1.0
 Content-Transfer-Encoding: quoted-printable
 Content-Type: text/plain;
 charset=ISO-8859-1
 Content-Disposition: inline

Gang:

Well it finally happened to me =3D K2 mojo. I was working a guy in California about 30 minutes ago. As we signed, Fazil TA3DD sent me a QRZ=

and we had a nice chat on 20 Metres. Wow. This is the first QSO I have ever made with Turkey. Antenna was the IAC Double Bazooka up 48' as an inverted vee. I'm still jazzed by this one :-).

73,
 --Doc/K0EVZ

Date: Sun, 9 Sep 2001 21:49:29 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Cc: <w5jay@alltel.net>, <WA6GER@aol.com>
Subject: [106735] Riverside QRP Forum Report (very long)
Message-ID: <004201c139b3\$fe3fae40\$1fa3ad40@dospalos.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow!! Great time in Riverside this weekend. Plenty of qrp action in the Southland. Jim and Judy Lowman, Bill Phinizy and Bill Chambers, Barry Geipel, Dick and Ann Palmer, Samarai Sam, all were there and all were very gracious hosts. I drove down with Dave Fifield on Thursday, and the first person we saw was Vern Wright, W6MMA. Vern just got back from Japan and the big ham fest at Yokohama, and was his normal full of fun self. We went out for dinner, and returned to the hotel and got to bed about midnight. Friday, Dave and I bummed around Riverside, drove an electric car, and visited a couple of guitar stores and just relaxed. We went back to the convention center and got in the doors at 5 PM to look at the exhibits. Elecraft was there, along with Ed Hare in the ARRL booth.

We went to dinner with the crew at Pepitoes, and Jim and Judy Lowman sure know how to pick out a restaurant. 32 people showed for dinner, and we had a blast. Familiar names there included Jim Cates, Lloyd Vaughn, Brian Kassel, Ed Hare, Bob and Bertie Hightower, Eric Swartz, Wayne Burdick, Dave Fifield, Jim and Judy Lowman, Samarai Sam, Jerry Parker, Jim Duffy, Barbara Duffy, Paul Maciel, Bill Phinizy, Bill Chambers, and Doug Hendricks. The food was delicious, and the camaradarie was pure gro!! Ed donated an ARRL antenna manual that was won by Lloyd. Jim Duffy was seen trying to bribe the judges, but failed again.

Went back to the hotel and found this long tall Texan, Chuck Adams in my room. Chuck drove in from Prescott, and we had a lot of fun visiting and laughing.

Got up Saturday morning bright and early and went to breakfast with Vern, Dave and Chuck. We were later joined by Jim and Judy Lowman. Jim, Judy and Bill P. were extremely nervous, worrying that no one would show up, grin. Boy did they miss that one.

I started the program by giving a short talk on the history of QRP the last 10 years, where we came from and where we are going. One of the main points that I touched on was the tremendous response and change in attitude of the ARRL towards QRP. Their recent announcement of a DXCC QRP Award similar to

the DXCC Milenium award was greeted with a great deal of enthusiasm from the audience of well over 100 for the first QRP forum. Everyone that I talked to was of the opinion that it was a great first step by the ARRL, and that we qrpers now have the ball in our court. The special award is there. The league wants to see if there really is interest in QRP DXCC. We need to respond by answering this question with a huge pile of applications for this award. If we only have 25 or so apply for it in the next year, then there probably will never be a full fledged DXCC QRP. But, if we flood Newington with QRP DXCC Award applications by the thousands, then they will have to take notice. We asked for it, now we need to show that we will respond. I am calling on all members of this list to make every effort to try and earn this award. Work the dx, then send in your application to the league.

I then made the announcement of the St. Aidan's Benefit Raffle. QRP Hall of Famer George Dobbs is the Vicar of St. Aidan's, and last year NorCal sponsored a raffle with the proceeds going to the church. St. Aidan's has been very kind to George over the years, and even more tolerant of his hobby of qrp. Now, we can say thank you by taking part in the Raffle. There are some huge prizes in the raffle, and the first one will knock your socks off. Eric and Wayne of Elecraft have very graciously donated a K2 kit!! Dave Fifield of Red Hot Radio a Red Hot 40, Dave Benson has given us a DSW20+, Martin Jue of MFJ has donated a MFJ 15 meter Cub, Vern Wright of Super Antennas has given us an MP-1 antenna with ALL accessories, NJ QRP Club a Warbler and a Manhattan Starter Kit, St. Louis Qrp Club a St. Louis Quickie kit, Ft. Smith QRP Club a VE3DNL Marker Generator and a Tuna Tin 2, Arizona ScQrpions a Stinger Singer Frequency Counter, and Norcal a BLT, SMK-1 and a Toroid Kit. We will draw for the winners at Pacificon on Saturday night, Oct. 20th at 8 PM. To enter the drawing, you only need to send a \$5 bill with your call on it to:

Doug Hendricks
ATTN: St. Aidan's Raffle
862 Frank Ave.
Dos Palos, CA 93620

You may enter as many times as you wish, but only 1 prize per ticket. Think of it guys, a K2 for \$5!!!!!!! A Red Hot 40 for \$5!!!! A DSW20+ for \$5!!!!!!! plus several other great prizes. All prizes have been donated, nothing was purchased, and all proceeds go to St. Aidan's. This weekend at Riverside, I collected 46 \$5 bills with calls written on them, its a great start, and a great opportunity for you to participate in a fun drawing.

The second speaker was introduced as being an expert at microwaving Cockroaches, none other than Dr. Megacycle who taught us all how to make simple baluns. Dr. Megacycle asked for a young boy to come up and help him. The young man was about 9 or 10. Jim asked him what type of antenna he used at home. The crowd roared when the boy said, a "7 Element Yagi" with a

straight face. Jim enjoyed it and had a lot of fun. Dr. Megacycle is one of our national treasures, and I love to hear him speak. Very entertaining and very educational.

The next speaker was my roommate, Chuck Adams, K7QO. Chuck spoke on Manhattan construction and had several examples of his work there. Absolutely beautiful. Now that I have seen his work and Jim Kortge's of the Iowa QRP 10, I must make a decision. Plaques have been purchased by Ft. Smith QRP Group, and will be awarded at Pacificon. And guess what? Both Jim and Chuck's talks were to Standing Room Only.

Eric Swartz gave a fantastic talk on Receivers and the "important specs and what they really mean to you". An outstanding presentation, and we all learned a lot. An even bigger crowd was there, and I counted 140 people in attendance. (The room was rated at 125 by the Fire Marshall).

We took a lunch break, and came back to hear Mr. RFI, Ed Hare, who happens to have the call W1RFI, speak on what else, RFI. If you have never heard Ed speak, you must for the entertainment if nothing else. Excellent job, knows his subject extremely well, and is very entertaining.

Next we had Barry Geipel. He spoke on PSK31, and the room was absolutely jammed. Over 175 people in the room, the largest crowd of any forum at the convention. I thought that some of them had to be related to Barry, but was told that no, all were interested qrxers, grin. Barry is again a very knowledgeable and entertaining speaker. Excellent job and very well received.

They saved the most enthusiastic and entertaining for last. Vern Wright, W6MMA, was fantastic. His knowledge of antennas and portable operating never ceases to amaze me. Vern had the audience in the palm of his hand, and they loved it. A great finish to a great forum.

Guys this was the first ever QRP Forum at the SW Division Convention that lasted all day. Every single speaker had SRO crowds. People were complaining that they could not get in the rooms. The rest of the hams certainly took notice. Great job by Jim, Judy, and Bill.

Saturday night was the QRP open house that featured a couple of events. One, the building contest that was won by Mike Schettlar. He entered a 40/17 converter made Manhattan style that Jim Kortge would have approved of!! Excellent job. Other winners included Dick Palmer, John who always comes to Pacificon, Robert the boiler plant guy, Steve the Scrounger Smith, and Bill Phinizy.

Then Chuck Adams announced to the crowd that he is going to Wyoming to break the QRP record in Sweepstakes. Jim Duffey made a \$5 bet that he would not break the record, and I jumped in and bet \$10 on the same side. Chuck will

be \$15 richer or poorer in November. We will keep you posted.

The last thing was that I handed Ed Hare \$39 and joined the ARRL. 5 years ago, I told Dave Sumner that the day that the ARRL had a full fledged QRP DXCC, I would become a life member. Until that time, I would not belong. Well, I feel that the league has certainly taken a huge first step in that direction, and want to show my appreciation by joining, and will hopefully get to write that life membership check soon. Pictures were taken to prove that it did happen, so there is no denying it now.

Sunday morning Wayne Burdick had a talk on kit building, but I had to leave before it began. It was a great weekend, and I had a ball. Can't wait til next year. Thanks so much to Jim and Judy Lowman, Bill Phinizy and all of the rest of the wonderful hosts. You can be very, very proud of your event, it was wonderful. Thanks. 72, Doug, KI6DS

Date: Mon, 10 Sep 2001 07:09:54 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106736] Re: [Elecraft] K2 #286 for sale
Message-ID: <007901c139f9\$e28a29f0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The K2 is spoken for. Thanks all for your interest.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@qth.net>
Sent: Sunday, September 09, 2001 9:53 AM
Subject: [Elecraft] K2 #286 for sale

> K2 S/N 286, built 7/99, options included KAT2 antenna tuner, KBN2
...

Date: Mon, 10 Sep 2001 08:09:13 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'70511.3041@compuserve.com'" <70511.3041@compuserve.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [106737] RE: Jones Plug Pin ID?
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49E6C@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All of the GENUINE Cinch-Jones flat-pin plugs I've ever seen, Doc, have the pins identified by either tiny molded-in numbers (on the black phenolic side) next to the pins, OR, on the inside phenolic, there is tiny white silkscreening of the pin numbers.

If you aren't seeing any pin numbering, then you probably don't have a Cinch-Jones connector, but a copy.....

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Wilford D. Lindsey [SMTP:70511.3041@compuserve.com]
Sent: Thursday, September 06, 2001 11:24 PM
To: Low Power Amateur Radio Discussion
Subject: Jones Plug Pin ID?

Gang:

Anyone help me ID the connections on a Jones plug? EG, when looking at the *hole* side of the plug, which pins are which? Thanks in advance for any assistance offered.

73,
--Doc/K0EVZ

Date: Mon, 10 Sep 2001 09:15:26 -0400
From: "Steve Hudson" <sdhudson@cahners.com>
To: <qrp-l@lehigh.edu>
Subject: [106738] Help identifying mystery PCBs
Message-ID: <000001c139fa\$a89181c0\$44adb23f@acpdceditor>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While continuing to clean up the shack, I've run across a trio of circuit boards that appear to be for a QRP rig but are otherwise unidentified.

The two largest boards are marked TXR-978-RX and TXR-978-TX; the smaller board is marked [illegible]-VF0. All are drilled but have no parts overlays printed on top.

Can anybody help me figure out what they are for?

Thanks!

Steve AA4BW

Date: Mon, 10 Sep 2001 10:24:00 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [106739] New Web Page
Message-ID: <20010910.102944.-213903.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

WOW ! ! !

A good looking web page related to the hobby . . .

>><http://www.cyberbound.net/QRPP/><<

Good job . . . Brice (KA8MAV) . . .

John
N3AAZ
FM 19 xa

GET INTERNET ACCESS FROM JUNO!
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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 10 Sep 2001 10:01:12 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [106740] Re: atom time
Message-ID: <B7C23FE8.8C78%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

And, Mac users with OS 8.6 and up have a date and time control panel which you can set up to automatically or manually update your computer clock via a time server. And, since it's in the OS..., you already own it.

73 de Ray
K2ULR
FN20t1

> From: Wayne <aa5jj@swbell.net>
> Reply-To: aa5jj@swbell.net
> Date: Fri, 07 Sep 2001 03:20:56 -0500
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: atom time
>
> Does any one know where there is a ATOM time for a computer that does not
> expire, I was using atom time but after 30 days you have to purchase it
> ?????
>
> Wayne Williams AA5JJ
> 713 N. (G) st.
> Muskogee, OK 74403
> FP-323
>

Date: Mon, 10 Sep 2001 07:53:20 -0700
From: "Mike Morrell" <morrellm@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [106741] Hands GQ 40m kit questions
Message-ID: <100901253.28383@webbox.com>
Mime-Version: 1.0
Content-Type: text/plain

I recently picked up a " completed " Hands GQ 40m kit. By completed I mean: board is complete and has been aligned. The builder was meticulous. His reason for selling was that the case and subsequent packaging left alot to the builders imagination. My questions which could be numerous, generally center around the the air cap. and the sub panel supplied. No holes were drilled in the front panel to accept the standoffs yet clearly this is what Hands had intended. I wonder why this was not done? Also, the parts list do not " cleanly " list the values of the variable pots supplied as compared to the schematic. Also, point to point wiring for the air cap. from the PCB is very vague (moving part) - I think he meant the rotor.

If anyone on the reflector can offer any help I would appreciate it.

Regards,

Mike K8KE

ps..I have sent a LONG email to Hands in the UK.

Date: Mon, 10 Sep 2001 11:19:31 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [106742] New QST!
Message-ID: <001301c13a14\$6318a140\$0a362bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow...the October QST is full of goodies this month. A neat little Micro Charge Controller from Mike Bryce (WB8VGE) (Is he a Flying Pig?), Rich has a great article on the SST family and mods are included, and another spin on touch pad keyers. International DX CW Contst results are in....

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400

FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

Date: Mon, 10 Sep 2001 12:30:44 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>
Subject: [106743] CQ Southeast Division ARRL members
Message-ID: <3B9CEAB3.F4A84F7@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All ARRL members in the Southeast Division will be receiving a ballot in your mailbox soon. The vote is for a new SE Division Vice Director. Evelyn W4WYR is not seeking re-election after many long years of service.

Two candidates, Paul NA4AR and Sandy W4RU, are in the race to fill this position. The person selected by the ARRL members will help guide amateur radio into the future.

Please take the time to fill out the ballot and return it to the ARRL. Exercise your right as a member to vote!

73
Paul K4FB

Not sure who to vote for?
I fully endorse Paul NA4AR. See why at <http://www.qsl.net/na4ar>

Date: Mon, 10 Sep 2001 11:35:05 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <pwomble1@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106744] Re: CQ Southeast Division ARRL members
Message-ID: <003201c13a16\$8d6b5e40\$0a362bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since this is in Floriduh, will each voter be permitted several ballots?

<hahahahah>

Sorry Paul....could not resist

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, September 10, 2001 11:30 AM

Subject: CQ Southeast Division ARRL members

> All ARRL members in the Southeast Division will be receiving a ballot in
> your mailbox soon. The vote is for a new SE Division Vice Director.
> Evelyn W4WYR is not seeking re-election after many long years of
> service.

>

> Two candidates, Paul NA4AR and Sandy W4RU, are in the race to fill this
> position. The person selected by the ARRL members will help guide
> amateur radio into the future.

>

> Please take the time to fill out the ballot and return it to the ARRL.
> Exercise your right as a member to vote!

>

> 73

> Paul K4FB

>

>

>

> Not sure who to vote for?

> I fully endorse Paul NA4AR. See why at <http://www.qsl.net/na4ar>

>

>

Date: Mon, 10 Sep 2001 12:39:01 -0400

From: Paul Womble <pwomble1@tampabay.rr.com>

To: brian@iquest.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [106745] Re: CQ Southeast Division ARRL members

Message-ID: <3B9CECA5.50F4CB6E@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Actually...it's ARRL members in FL, GA, AL, US Virgin Islands, and Puerto Rico.

And no Brian...not all of us in FL are numerically challenged.

73

Paul K4FB

Date: Mon, 10 Sep 2001 12:01:33 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [106746] FOX: Xtreme Fox Hunt This Thursday
Message-ID: <3B9CAB9D.17961.27A3D87@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Guys--

In case you found yourself staring at the radio last Thursday night, at a loss because the Summer Fox Hunt is over, you can ease the withdrawal a bit by participating the the Xtreme Fox Hunt this Thursday. It's an end-of-season blast, with all 10 Foxes on the air at the same time..... BUT ONLY FOR ONE HOUR.

>From 0200Z to 0259Z you will find all of the Summer Foxes scattered over 20M between 14.030 and 14.070. Can you work them all? At least one may have problems making it, but we'll try to confirm who will be on.

The exchange will be Fox Standard, i.e.: RST, State (or Province or Country), your name, and your power. This is a genuine "just for the heck of it" event and results will not be tabulated or reported formally.

Good luck, and may the Fox be with you....

For the QRP-L Fox Hunt Committee...

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

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<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Mon, 10 Sep 2001 11:52:09 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [106747] Pacificon October 19-21
Message-ID: <004401c13a29\$b491aac0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, Pacificon will be held Oct. 19, 20, and 21 at the Sheraton Hotel in Concord, California.

Hotel Reservations should be made direct to the Sheraton Concord Hotel, at 1-925-825-7700.

Be sure to mention your attendance at the PACIFICON 2001 Convention to obtain discounted room rates.

We have another great program this year featuring some outstanding speakers. Bill Jones, Dave Benson, Ed Manual and Eric Swartz will be presenting this year. All of these guys are well known qrpers and I am excited that they will be speaking. But I am even more excited to announce that Jim Cates, WA6GER will be giving a special presentation Saturday night at 8:00. Jim will talk on 42 years as a QRPers. This is one that you won't want to miss.

Ok, here is the schedule of activities:

Friday:

6:30 PM - No Host QRP dinner at FuDDRuckers.

8:00 PM Hospitality Room Open

8:00 PM - 9:00 PM Annual NorCal Pacificon QSO Party.

Use any rig to work the contest.

CW & SSB Modes Only

Any NON-Warc Hamband

Scoring: 1 point per qso, must exchange name, signal report, and year first licensed. Final Score bands worked x qso's. Example you work WA6GER on 40, 20 and 15. 3 qso's x 3 bands, 9 points. You may work stations on as many bands as you wish, but only 1 mode per band. Logs must be turned in 30 minutes after the end of the contest.

Antennas: Must be able to fit in a 6' x 6' x 6' area.

Tuners are allowed.

Saturday:

8:15 AM - 9:15 AM Ed Manual
10:45 - 11:45 AM Bill Jones
1:30 - 2:30 Dave Benson
2:45 - 3:45 Eric Swartz
8:05 PM Jim Cates and 42 Years as a QRPer
8:00 St. Aidan's Benefit Raffle Drawing: Featuring a K2, Red Hot 40, DSW20+, MFJ Cub, MP-1 from Superantennas, plus many other prizes.
9:00 Vendor Night Featuring all of the normal QRP Vendors.
12:00 Hospitality Room Closes.

Pacificon Charges \$15 at the door, and \$10 in advance for tickets. NorCal sponsors the QRP Forum and there is NO additional charge for any of the QRP events. Everything is free once you get in the convention. Mt. Diablo Radio Club is the convention sponsor, and they receive all proceeds from ticket sales.

Note: there will not be a compendium and there will not be any videotaping or internet presentation of the talks. There will be lots of guys there having so much fun that they ought to be arrested. Come and join us.

Jerry Parker will be handling the badges again this year. Please email him for information at jparker@fix.net

See you in October. 72, Doug

Date: Mon, 10 Sep 2001 13:25:24 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106748] Re: Pacificon October 19-21
Message-ID: <00d501c13a2e\$5758ab60\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK!

----- Original Message -----
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, September 10, 2001 12:52 PM
Subject: Pacificon October 19-21

> Guys, Pacificon will be held Oct. 19, 20, and 21 at the Sheraton
Hotel in

...

> 8:00 St. Aidan's Benefit Raffle Drawing: Featuring a K2, Red Hot 40,
DSW20+,

^^^^^*

This is the second time I've seen this in print, note DSW20+ not SW+
20.

Did I fall asleep and miss something?

Is it a typo?

Or is it that rascal Doug teasing us while Dave whips up another
"Small Wonder"? ;-)

Should I be dropping hints to Santa Claus?

73, Rod N0RC
Ft Collins, CO

Date: Mon, 10 Sep 2001 16:07:14 -0400
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [106749] FS:TenTec 1208 Transverter
Message-ID: <004a01c13a34\$307a0ce0\$69ce323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: TenTec 1208 20M to 6M transverter. Nice shape, works fine,
original manual.

Great companion to the K2 (or K1)!

\$100 shipped.

Alan, N3BJ
Bent Mountain, VA

Date: Mon, 10 Sep 2001 13:39:39 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [106750] Re: Pacificon October 19-21
Message-ID: <001c01c13a38\$ba952280\$fde3b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod,

Yes, it's a new rig that Dave is working on. He's going to have the prototype at Pacificon. Should be a real neat rig.

72/73

Trev

KG6CYN

----- Original Message -----

From: Rod Cerkoney, N0RC <rod@n0rc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, September 10, 2001 12:25 PM
Subject: Re: Pacificon October 19-21

> OK!

>

> ----- Original Message -----

> From: "Doug Hendricks" <ki6ds@dph.dpol.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, September 10, 2001 12:52 PM
> Subject: Pacificon October 19-21

>

>

> > Guys, Pacificon will be held Oct. 19, 20, and 21 at the Sheraton
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> ...

> > 8:00 St. Aidan's Benefit Raffle Drawing: Featuring a K2, Red Hot 40,
> DSW20+,

>

> ^^^^^*

>

> This is the second time I've seen this in print, note DSW20+ not SW+
> 20.

>
> Did I fall asleep and miss something?
>
> Is it a typo?
>
> Or is it that rascal Doug teasing us while Dave whips up another
> "Small Wonder"? ;-)
>
> Should I be dropping hints to Santa Claus?
>
> 73, Rod NØRC
> Ft Collins, CO
>

Date: Mon, 10 Sep 2001 15:40:49 -0500
From: Bradfield Brad-P53117 <Brad.Bradfield@motorola.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [106751] Re: A Key Question
Message-ID: <ED53441FBBAD311B85000508B95104D0195923B@tx14exm03.ftw.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hi Dennis - -

You got a good deal on the 26003. They are quite common, and were made by several different manufacturers besides Bunnell. The contacts are silver plated, and unless they are really corroded, do not need cleaning. If they only show a layer of blackish film, this is silver oxide, and does not need to be cleaned. The Navy flameproof keys have a decent feel, and are nice to operate.

72 es 73,

Brad, W5CGH

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Date: Mon, 10 Sep 2001 15:11:38 -0600
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-1 Messages'" <qrp-1@lehigh.EDU>
Subject: [106752] 18 Watts and Windom bag 17 of 18 Foxes Plus RX9TX
Message-ID: <BF11C300DA60D5118A2900508BCF825B657D9D@entcoexch05.tci.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset=iso-8859-1
Content-Transfer-Encoding: 7bit

Hi All,

During the Summer 2001 Fox Hunts, my goal was to see how many pelts I could bag with 1 watt max power.

Of the 9 sessions (18 foxi) available in my schedule, only Doc, K0EVZ escaped the stinging blow of the KI0II shot flung far and wide by the windom with the feed point at 30 feet and drooping at the ends. On that particular evening RX9TX heard the feeble call and responded with a glowing signal report to help ease the disappointment.

No big claims of CW speed this or that, Mojo anything or huge bird grabbing antennas high on massive towers, but just to point out that a little persistence and patience will pay off.

A fair number of Cub Foxi found their way into the log which I found to be equally as challenging and rewarding. Great to hear some familiar and several new calls in the hunt.

Spread the word, QRP is FUN!

72

Ron ki0ii

Date: Mon, 10 Sep 2001 17:19:04 -0400
From: Bill Coleman <aa4lr@arrl.net>

To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [106753] Baluns and Cores (Revisited)
Message-ID: <1010810171905.RAA27034@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I'm revamping my antenna farm, and one thing I wanted to fix was the remote balun feeding my 125 foot doublet. This balun was built over a decade ago, and turns out to be a voltage-type balun on a T200-2 (red) core.

Now, about 20 years ago, the only kind of broadband baluns were the voltage type. Since that time, hams have discovered that voltage type baluns don't work so hot. They aren't very good at balancing antenna currents. Current baluns work much better.

I looked in my junk box and found I have three (including the one I took apart) balun kits from the WireMan. These include a T200-2 core, teflon tape, and a high-voltage coated wire. I wondered if I could use these parts to build a current balun, using the Guanella-type design (which is similar to the bifilar-wound voltage type).

Well, I broke out the Amidon catalog, and started crunching the numbers. To get sufficient choking inductance, I was looking at upwards of 200 turns for 160m for the worst case of 150 ohm feed impedance. Even by stacking two or three cores, the number of turns was prohibitive.

The bottom line is you can't build an effective current balun with a T200-2 (red) core for the low-HF range. It takes too many turns. There's not enough permeability in the core to get sufficient choking impedance. OK, you might make it work for the high-HF range, or VHF for sure. But for low-HF or MF, it isn't gonna work. A T200-1 core might work a little better, as it has twice the permeability of the T200-2. But the Q of the -1 mix drops off above 5 MHz.

I tried the design again for a FT240-77 core. 7-8 turns is plenty for 160m. The vastly higher permeability (as well as the ever so slightly larger core) of the ferrite makes the design easy.

I ordered two FT240-77 cores from Amidon. I'll steal the teflon tape and wire from the balun kits. I wonder what I can do with three T200-2 cores?

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Mon, 10 Sep 2001 17:31:26 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106754] Re: Antenna Tuner Thoughts
Message-ID: <1010810173128.RAA27990@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/7/01 10:16 PM, Karl F. Larsen at k5di@zianet.com wrote:

> But I don't try to average everything into a single loss number.
> If you use the tuner I tested with loads between 20 and 1000 ohms on the
> Unbalanced output your tuner won't get hot with 300 watts running through
> it. That's because the loss is like 10% and 30 watts of heat will not heat
> up your box very fast.

Oh no? Turn on a 40watt light bulb for 1 minute. Now grab it with your bare hand. Ouch!

The loss is likely far less than 10%.

> Now if you try to feed a 5 ohm load on 160 meters with 300 watts
> you have an 80% loss and 240 watts of heat will crisp your tuner in short
> order.

>
> With this kind of loss how can a 1500 watt tuner work? Well a big
> tuner with a 10% loss must dissipate 150 watts of heat and being a large
> device it can do it. The big diameter wire and the ceramic coil form can
> take a lot of current and a lot of heat. If the load gets too bad this big
> tuner will arc over and in other ways tell you to back off.

I have yet to see a big tuner dissipate anywhere near 150 watts of heat. Many tuners don't even have ventilation holes. (My Murch UT-2000A doesn't) Heat build-up isn't a problem, since tuners are by and large very efficient.

> WF5A Karl Hess has another look at tuners. If your antenna has a
> feedpoint impedance of 5 ohms you can't get much power into the antenna
> and your receiver will be weak. Add the tuner and only 20% of the power
> gets out but it's more than without the tuner. and the receiver works much
> better. So you're a winner even then.

Matching a 5 ohm antenna is rather hard. Your typical antenna tuner

probably can't match anything that low.

> In closing let me say that yes, of course, I have been wrong on
> many things. This tuner issue should have been closed years ago. I
> re-opened it because I had forgot about Q and circulating currents and
> other analitical things I know about but forgot to apply and when I did so
> I could see where loss was likely. I think this is far better than to just
> agree to disagree and by that both be wrong.

Bottom line -- loss == heat. If you have something as small as a tuner
and you don't have heat, even with 100-1500 watts, then you don't have
any substantive loss.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 10 Sep 2001 14:44:55 -0700
From: Stephen M Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [106755] Re: Baluns and Cores (Revisited)
Message-ID: <20010910.144456.-275549.14.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill (and group),

Since Nils once posted about his problems getting enough range from his
tuner with various cores and now your post about baluns, I've been
wondering: Would stacking two like-sized but different mix cores give a
wider freq. range with just one winding?

73.....Steve 'The Scrounger' Smith
 WB6TNL Oxnard, CA USA
 "Snort Rosin"

On Mon, 10 Sep 2001 17:19:04 -0400 Bill Coleman <aa4lr@arrl.net> writes:
>

> To get sufficient choking inductance, I was looking at upwards of
> 200
> turns for 160m for the worst case of 150 ohm feed impedance. Even by

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>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 10 Sep 2001 17:52:35 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [106756] A Cost Effective Current-mode 1:1 Balun
Message-ID: <7e.1a971ad1.28ce9023@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ralph Holland VK1BRH describes a 1:1 balun at

<http://www.arising.com.au/people/Holland/Ralph/CMBalun.htm>

Alan KB7MBI in Woodinville, WA

Date: Mon, 10 Sep 2001 17:12:02 -0500
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [106757] Re: Baluns and Cores (Revisited)

Message-ID: <3B9D3AB2.277FE2C7@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>> I wonder what I can do with three T200-2 cores?
>> Bill Coleman, AA4LR, PP-ASEL

Bill I don't have any idea what the inductance value is but I have been using three stacked T200-2 cores in a 4:1 balun for about ten years. I have used it on 10 thru 80 at one time or another. I originally made it when I was planning to run high power. After I got hooked on QRP I just left it there hanging on the outside wall with about ten feet of RG8 to the tuner. Ignorance is bliss, so they say. hi

Don K5AAR
Lake Eufaula, Ok

Date: Mon, 10 Sep 2001 18:27:43 -0400
From: lenny wintfeld <w2bvh@home.com>
To: "[Low Power Amateur Radio Discussion]" <qrp-1@Lehigh.EDU>
Subject: [106758] A0-40 Converters
Message-ID: <3B9D3E5F.FC05663A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I'm looking for a site that has "cookbook" type info on making up and down converters for A0-40. I'd like to try A0-40 but not spend a lot of money getting to 2.4 GHz / 432 MHz. Are there any site around that describe how to "re-purpose" (cheap) used equipment designed for other applications ?

Thanks in advance for any info.

73,

Lenny W2BVH

End of QRP-L Digest 2308
